

Name: \_\_\_\_\_

**ml1112paper: Solve by factoring (v7)**

1. Solve the equation

$$x^2 + 13x + 42 = 0$$

2. Solve the equation

$$x^2 + 3x - 18 = 0$$

3. Solve the equation

$$3x^2 + 6x - 32 = 2x^2 + 4x - 8$$

4. Solve the equation

$$2x^2 + 13x - 17 = x^2 + 5x - 8$$

5. Solve the equation

$$3x^2 + 22x - 16 = 0$$

6. Solve the equation

$$11x^2 + 14x - 16 = 0$$

7. Solve the equation

$$13x^2 + x - 13 = 8x^2 - 2x + 1$$

8. Solve the equation

$$15x^2 + 41x - 44 = 4x^2 + 6x - 8$$